

# GRAPHING A LINE USING THE X AND Y INTERCEPTS



UMMMM I WONDER  
HOW YOU GRAPH A  
LINE USING THE X  
AND Y INTERCEPT...



I KNOW I KNOW  
THIS WHAT YOU DO

PROBLEM

TO GET THE Y-  
INT, PUT (0) IN  
FOR X AND  
SOLVE FOR Y.

THEN YOU  
DIVIDE BY  
EACH SIDE.

ANSWER FOR  
Y-INTERCEPT.

$$-2x + 3y = 6$$

$$-2(0) + 3y = 6$$

$$3y = 6$$
$$\frac{3y}{3} = \frac{6}{3}$$

$$y\text{-int} = 2$$

$$-2x + 3(0) = 6$$

$$-2x = 6$$
$$\frac{-2x}{-2} = \frac{6}{-2}$$

$$x\text{-int} = -3$$

TO GET THE X-  
INT, PUT (0) IN  
FOR X AND  
SOLVE FOR Y.

THEN YOU  
DIVIDE BY  
EACH SIDE.

ANSWER FOR  
X-INTERCEPT.

WOW THAT  
WAS EASY  
ALMOST TOO  
EASY

YEAH I KNOW!!!

THIS IS WHAT IT LOOKS LIKE

